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TECH CENTER 1600-2-23

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/245,198A

DATE: 02/05/2001

TIME: 14:44:14

Input Set : A:\A003.txt

Output Set: N:\CRF3\02052001\I245198A.raw

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4 <110> APPLICANT: Chicheportiche, Yves
5   Browning, Jeffrey
7 <120> TITLE OF INVENTION: Tumor Necrosis Factor Related Ligand
10 <130> FILE REFERENCE: A003
12 <140> CURRENT APPLICATION NUMBER: 09/245,198A
13 <141> CURRENT FILING DATE: 1999-02-05
15 <150> PRIOR APPLICATION NUMBER: 60/023,541
16 <151> PRIOR FILING DATE: 1996-08-07
18 <150> PRIOR APPLICATION NUMBER: 60/028,515
19 <151> PRIOR FILING DATE: 1996-10-18
21 <150> PRIOR APPLICATION NUMBER: 60/040,820
22 <151> PRIOR FILING DATE: 1997-03-18
24 <160> NUMBER OF SEQ ID NOS: 27
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 1168
30 <212> TYPE: DNA
31 <213> ORGANISM: homo sapien
32 <400> SEQUENCE: 1
34 ggtgctgagc ctgggctgg cgtggcctg ccttggcctc ctgctggctg tggctagcct      60
35 ggggagctgg gcaacgctgt ctgcccagga gccttctcag gaggagctga cagcagagga      120
36 ccgcccggag cccctgaac tgaatcccca gacagaggaa agccaggatg tggtagcttt      180
37 cttggaaaca ctagtccggc ctgaagaag tgetcctaaa ggccggagg cgcggcctcg      240
38 ccgagctatt gcagccatt atgaggttca tctcggcca ggacaggatg gacacaagc      300
39 aggtgtggat gggacagtga gtgctggga agagaccaa atcaacagct ccagccctct      360
40 gcgctacgac cgcagattg gggaaattac agtcacaggg gctgggctct actacctgta      420
41 ctgtcagggt cactttgatg agggaaaggc tgtctacctg aagctggact tgcgtgtgaa      480
42 cgggtgtgct gccctggcgt gccctggaaga attctcagcc acagcagcaa gctctcctgg      540
43 gccccagctc cgtttgtgcc aggtgtctgg gctgttgcgg ctgcccagag ggtcttccct      600
44 tcggatccgc accctccctt gggctcatct taaggctgcc cccttccctaa cctactttgg      660
45 actctttcaa gtctactgag gggccttgct ctcccagatt ccttaaaact tccctggctc      720
46 caggagcctc accacacctc cctacccac cccactcct ccacccctc gctgtcctt      780
47 ggtccagctc tgtctctcct caaagcagc cagagcttgt tcatatgttt ccattccaca      840
48 gacgtatcct tgtctctctt aacatcccat cccaccacaa ctatccacct cactagctcc      900
49 caaagccctt acttatccct gactccccc cccactcacc cgaccacgtg tttattgact      960
50 ttgtgcacca ggcactgaga tgggtggac ctggtggcag gaagccagag aacctgggac      1020
51 taggccagaa gtcccaact gtgaggggga agagctgggg acaagctcct ccttggatcc      1080
52 ctgtggattt tgaaaaata ctatttttat tattattgtg aaaaaatgtt aaatggatat      1140
53 taaagagaat aaatcatgat ttctcttc      1168
55 <210> SEQ ID NO: 2
56 <211> LENGTH: 225
57 <212> TYPE: PRT
58 <213> ORGANISM: homo sapien
59 <400> SEQUENCE: 2
61 Val Leu Ser Leu Gly Leu Ala Leu Ala Cys Leu Gly Leu Leu Leu Val
62 1 5 10 15
63 Val Val Ser Leu Gly Ser Trp Ala Thr Leu Ser Ala Gln Glu Pro Ser

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64	20	25	30
65	Gln Glu Glu Leu Thr Ala Glu Asp Arg Arg Glu Pro Pro Glu Leu Asn		
66	35	40	45
67	Pro Gln Thr Glu Glu Ser Gln Asp Val Val Pro Phe Leu Glu Gln Leu		
68	50	55	60
69	Val Arg Pro Arg Arg Ser Ala Pro Lys Gly Arg Lys Ala Arg Pro Arg		
70	65	70	75
71	Arg Ala Ile Ala Ala His Tyr Glu Val His Pro Arg Pro Gly Gln Asp		
72	85	90	95
73	Gly Ala Gln Ala Gly Val Asp Gly Thr Val Ser Gly Trp Glu Glu Thr		
74	100	105	110
75	Lys Ile Asn Ser Ser Ser Pro Leu Arg Tyr Asp Arg Gln Ile Gly Glu		
76	115	120	125
77	Phe Thr Val Ile Arg Ala Gly Leu Tyr Tyr Leu Tyr Cys Gln Val His		
78	130	135	140
79	Phe Asp Glu Gly Lys Ala Val Tyr Leu Lys Leu Asp Leu Leu Val Asn		
80	145	150	155
81	Gly Val Leu Ala Leu Arg Cys Leu Glu Glu Phe Ser Ala Thr Ala Ala		
82	165	170	175
83	Ser Ser Pro Gly Pro Gln Leu Arg Leu Cys Gln Val Ser Gly Leu Leu		
84	180	185	190
85	Pro Leu Arg Pro Gly Ser Ser Leu Arg Ile Arg Thr Leu Pro Trp Ala		
86	195	200	205
87	His Leu Lys Ala Ala Pro Phe Leu Thr Tyr Phe Gly Leu Phe Gln Val		
88	210	215	220
89	His		
90	225		
92	<210> SEQ ID NO: 3		
93	<211> LENGTH: 1373		
94	<212> TYPE: DNA		
95	<213> ORGANISM: homo sapien		
97	<400> SEQUENCE: 3		
98	atgtcattgt tagactttga aatttccgcc cgccggctcc cctcccccg atccctcggg	60	
99	tccccgggatg ggggggcggt gaggcaggca cagccccccg cccccatggc cgcccgtcgg	120	
100	agccagagge ggagggggcg ccggggggag ccgggcaccg ccttgcctgg cccgctcgcg	180	
101	ctgggacctg gcttgycgct ggcctgcctc ggcctcctgc tggccgtggt cagtttgggg	240	
102	agccgggcat cgctgtccgc ccaggagcct gccaggagg agctggtgnc agaggaggac	300	
103	caggaccctg cggaaactgaa tccccagaca gaagaaagcc aggatcctgc gccittcctg	360	
104	aaccgactag ttccgacctc cagaagtga cctaaaggcc ggaaaaacacg ggctcgaaga	420	
105	gcgctcgcaq cccattatga agttcattca cgacctggac aggacggagc gcaggcaggt	480	
106	gtggacggga cagtgaagtg ctgggaggaa gccagaatca acagctccag cctctgcgc	540	
107	tacaaccgcc agatcgggga gtttatagtc acccgggctg ggctctacta cctgtactgt	600	
108	caggtgcact ttgatgaggg gaaggctgtc tacctgaagc tggacttgct ggtggatggt	660	
109	gtgctggccc tgcgctgcct ggaggaattc tcagccactg cggccagtlc cctcgggccc	720	
110	cagctccgcc tctgccaggt gtctgggctg ttggccctgc ggccagggtc ctccctgcgg	780	
111	atccgcaccc tccctcgggc ccatctcaag gctgccccct tcctcaccta ctteggactc	840	
112	ttccaggttc actgaggggc cctggtctcc ccacagtcgt cccaggctgc cggctccct	900	
113	cgacagctct ctgggcaccc ggtccctct gccccacct cagcgcctct ttgctccaga	960	
114	cctgccctc cctctagagg ctgctgggc ctgttcacgt gttttccatc ccacataaat	1020	

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115 acagtattcc cactcttata ttacaactcc cccaccgccc actctccacc tcactagctc 1080
116 cccaatccct gaccctttga ggcceccagt gatctcgact ccccectggc cacagacccc 1140
117 cagggcattg tgttactgt actctgtgag caaggatggg tccagaagac cccacttcaq 1200
118 gcactaagag gggctggacc tggcggcagg aagccaaaqa gactgggcct aggccaggag 1260
119 tccccaaatg tgaggggcyg gaaacuaqac aagctectcc cttgagaatt ccctgtggat 1320
120 ttttaaaaca gatattattt ttattattat tgtgacaaaa tgttgataaa tgg 1373
122 <210> SEQ ID NO: 4
123 <211> LENGTH: 284
124 <212> TYPE: PRT
125 <213> ORGANISM: homo sapien
127 <400> SEQUENCE: 4
128 Met Ser Leu Leu Asp Phe Glu Ile Ser Ala Arg Arg Leu Pro Leu Pro
129 1 5 10 15
130 Arg Ser Leu Gly Ser Arg Asp Gly Gly Ala Val Arg Gln Ala Gln Pro
131 20 25 30
132 Pro Ala Pro Met Ala Ala Arg Arg Ser Gln Arg Arg Gly Arg Arg
133 35 40 45
134 Gly Glu Pro Gly Thr Ala Leu Leu Val Pro Leu Ala Leu Gly Leu Gly
135 50 55 60
136 Leu Ala Leu Ala Cys Leu Gly Leu Leu Leu Ala Val Val Ser Leu Gly
137 65 70 75 80
138 Ser Arg Ala Ser Leu Ser Ala Gln Glu Pro Ala Gln Glu Glu Leu Val
139 85 90 95
140 Ala Glu Glu Asp Gln Asp Pro Ser Glu Leu Asn Pro Gln Thr Glu Glu
141 100 105 110
142 Ser Gln Asp Pro Ala Pro Phe Leu Asn Arg Leu Val Arg Pro Arg Arg
143 115 120 125
144 Ser Ala Pro Lys Gly Arg Lys Thr Arg Ala Arg Arg Ala Ile Ala Ala
145 130 135 140
146 His Tyr Glu Val His Pro Arg Pro Gly Gln Asp Gly Ala Gln Ala Gly
147 145 150 155 160
148 Val Asp Gly Thr Val Ser Gly Trp Glu Glu Ala Arg Ile Asn Ser Ser
149 165 170 175
150 Ser Pro Leu Arg Tyr Asn Arg Gln Ile Gly Glu Phe Ile Val Thr Arg
151 180 185 190
152 Ala Gly Leu Tyr Tyr Leu Tyr Cys Gln Val His Phe Asp Glu Gly Lys
153 195 200 205
154 Ala Val Tyr Leu Lys Leu Asp Leu Leu Val Asp Gly Val Leu Ala Leu
155 210 215 220
156 Arg Cys Leu Glu Glu Phe Ser Ala Thr Ala Ala Ser Ser Leu Gly Pro
157 225 230 235 240
158 Gln Leu Arg Leu Cys Gln Val Ser Gly Leu Leu Ala Leu Arg Pro Gly
159 245 250 255
160 Ser Ser Leu Arg Ile Arg Thr Leu Pro Trp Ala His Leu Lys Ala Ala
161 260 265 270
162 Pro Phe Leu Thr Tyr Phe Gly Leu Phe Gln Val His
163 275 280
165 <210> SEQ ID NO: 5
166 <211> LENGTH: 18

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167 <212> TYPE: DNA
168 <213> ORGANISM: homo sapien
170 <400> SEQUENCE: 5
171 gttccaggcc agcctggg 18
173 <210> SEQ ID NO: 6
174 <211> LENGTH: 6
175 <212> TYPE: DNA
176 <213> ORGANISM: homo sapien
178 <400> SEQUENCE: 6
179 aataaa 6
181 <210> SEQ ID NO: 7
182 <211> LENGTH: 20
183 <212> TYPE: DNA
184 <213> ORGANISM: homo sapien
186 <400> SEQUENCE: 7
187 ccctgcgctg cctggaaggaa 20
189 <210> SEQ ID NO: 8
190 <211> LENGTH: 20
191 <212> TYPE: DNA
192 <213> ORGANISM: homo sapien
194 <400> SEQUENCE: 8
195 tgatgagggg aaggtgtct 20
197 <210> SEQ ID NO: 9
198 <211> LENGTH: 20
199 <212> TYPE: DNA
200 <213> ORGANISM: homo sapien
202 <400> SEQUENCE: 9
203 agaccagggc ccctcagtga 20
205 <210> SEQ ID NO: 10
206 <211> LENGTH: 18
207 <212> TYPE: DNA
208 <213> ORGANISM: homo sapien
210 <400> SEQUENCE: 10
211 gttccaggcc agcctggg 18
213 <210> SEQ ID NO: 11
214 <211> LENGTH: 20
215 <212> TYPE: DNA
216 <213> ORGANISM: homo sapien
218 <400> SEQUENCE: 11
219 tcaggtgcac ttgatgagg 20
221 <210> SEQ ID NO: 12
222 <211> LENGTH: 18
223 <212> TYPE: DNA
224 <213> ORGANISM: homo sapien
226 <400> SEQUENCE: 12
227 ctgtcagctc ctcctgag 18
229 <210> SEQ ID NO: 13
230 <211> LENGTH: 20
231 <212> TYPE: DNA

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232 <213> ORGANISM: homo sapien
234 <400> SEQUENCE: 13
235 agcaggagcc ttctcaggag                20
237 <210> SEQ ID NO: 14
238 <211> LENGTH: 21
239 <212> TYPE: DNA
240 <213> ORGANISM: homo sapien
242 <400> SEQUENCE: 14
243 gatccaggga ggagcttgtc c                21
245 <210> SEQ ID NO: 15
246 <211> LENGTH: 20
247 <212> TYPE: DNA
248 <213> ORGANISM: homo sapien
250 <400> SEQUENCE: 15
251 ccctgcgtg cctggaggaa                20
253 <210> SEQ ID NO: 16
254 <211> LENGTH: 20
255 <212> TYPE: DNA
256 <213> ORGANISM: homo sapien
258 <400> SEQUENCE: 16
259 agaccagggc ccctcagtga                20
261 <210> SEQ ID NO: 17
262 <211> LENGTH: 21
263 <212> TYPE: DNA
264 <213> ORGANISM: homo sapien
266 <400> SEQUENCE: 17
267 agtcgtccca ggctgccggc t                21
269 <210> SEQ ID NO: 18
270 <211> LENGTH: 21
271 <212> TYPE: DNA
272 <213> ORGANISM: homo sapien
274 <400> SEQUENCE: 18
275 cctgaagtgg ggtcttctgg a                21
277 <210> SEQ ID NO: 19
278 <211> LENGTH: 231
279 <212> TYPE: PRT
280 <213> ORGANISM: homo sapien
282 <400> SEQUENCE: 19
283 Met Ser Thr Glu Ser Met Ile Arg Asp Val Glu Leu Ala Glu Ala
284 1 5 10 15
285 Leu Pro Lys Lys Thr Gly Gly Pro Gln Gly Ser Arg Arg Cys Leu Phe
286 20 25 30
287 Leu Ser Leu Phe Ser Phe Leu Ile Val Ala Gly Ala Thr Thr Leu Phe
288 35 40 45
289 Cys Leu Leu His Phe Gly Val Ile Gly Pro Gln Arg Glu Glu Phe Pro
290 50 55 60
291 Arg Asp Leu Ser Leu Ile Ser Ser Pro Leu Ala Gln Ala Val Arg Ser
292 65 70 75 80
293 Ser Ser Arg Thr Pro Ser Asp Lys Pro Val Ala His Val Val Ala Asn

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VERIFICATION SUMMARY                      DATE: 02/05/2001  
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